

# TRX-01

## Weight Measurement

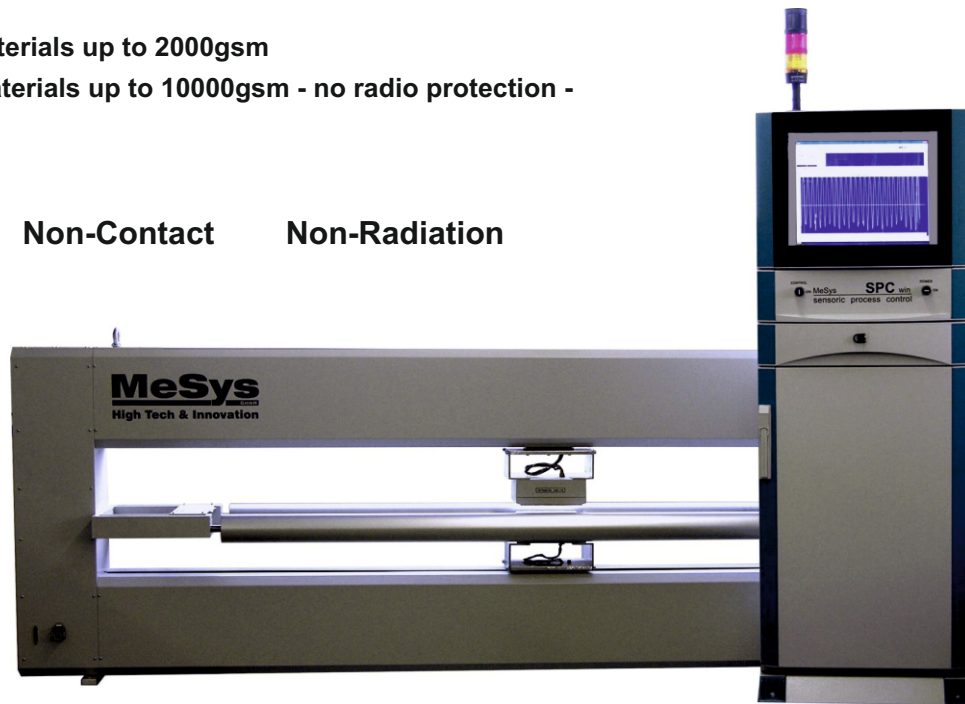
### X-rays

Applications: Automotive - Construction - Sanitary  
Expanded and Foamy products, Fiber glass, Pre-preg, Non-Woven, Textiles..

#### 2 versions available

- ◆ 5 kV Version for materials up to 2000gsm
- ◆ 20kV version for materials up to 10000gsm - no radio protection -

Non-Contact      Non-Radiation



#### Measurement Principle:

Transmission technology to detect the weight of materials through energy absorption. Mesys has developed in 20 years experience a highly sophisticated and reliable technology, microprocessor controlled, to achieve a very constant X-rays flux and an excellent measure method.

#### TECHNICAL DATA

Type of measurement	x-ray transmission
Beam power	5kV or 20 kV according to application
Measurement gap	10 - 30 mm
Repeatability(2s ; 5sec) with 7 m film:	0.02gr/sm +/- 0,5% at 2 sigma
Flattering error:	+/-0,1gr/sm/ mm
Standard Spot dim.	10x5 mm
Power supply:	24Vdc ; max. 10A ; 240 W
Temperature	The sensor is completely temperature regulated within +/-1 °C with a constant internal temperature of 40 °C